

Tuesday, July 30, 2002



## Three orbiters being checked out, fitted for upcoming launches



▲ **Shuttle Update:** Following inspections of **Columbia's** Main Propulsion System (MPS) flow liners that identified three cracks on engine No. 2 liquid hydrogen flow liner, mission managers delayed the launch date until a full engineering analysis could be completed. Nominal processing has been finished in preparation for **Columbia's** research mission. **Processing continues for**

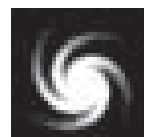
**Atlantis'** launch to the International Space Station. Orbital Maneuvering System (OMS)/Reaction Control System (RCS) electrical verification is in work and OMS/RCS flight controls checkout is complete. Multifunction Electronic Display Subsystem (MEDS) checkout is scheduled for this week. **Atlantis'** payload bay doors were closed last week in preparation for rollover once the flow liner issue is resolved. **Processing also continues for Endeavour's** launch to the Space Station. The Multi-Purpose Logistics Module was removed from the payload bay, as deservicing continues from **Endeavour's** previous mission. Fuel cell verification is complete. OMS pod checkout and replacement of windows No. 6 and 8 are in work. **A decision about the flow liner issue is expected on Friday afternoon.**

▲ **Prevent Heat-Related Illness** – As part of the KSC Heat Stress Prevention Program, SGS-Comprehensive Health Services Environmental Health maintains a **Heat Stress** web site at <http://sgs.ksc.nasa.gov/sgs/sites/other/chs/ehs/home/ihheat.cfm>. It has information every employee needs to know for the prevention of heat illness at work and at home. This time of year heat illnesses are most likely to occur although they are entirely preventable. Awareness of the signs and symptoms of heat illness and the precautions needed for their prevention are impor-

## Environmental Health at KSC offers help to identify, prevent heat stress

tant to all who work outdoors or in hot areas, as well as to those who supervise these activities. The web site has information you can use to recognize and prevent heat-related illnesses as well as the current **Heat Stress Index**. CHS Environmental Health provides workplace heat stress evaluations as well as training seminars and "shop talks" for the Air Force, NASA and their contractors. Please check out the web page and call 867-2400 for additional information.

◆ **Reminder: Welcome Back the STS-111 Crew to KSC July 31**— Commander Ken Cockrell, Pilot Paul Lockhart and Mission Specialist Franklin Chang-Diaz are currently scheduled to be at KSC July 31 to talk about their recent mission to the International Space Station. Their presentation to employees will be held from 1-2 p.m. in the KSC Training Auditorium. They will also be at the LCC Room 1R29 from 11 a.m. - Noon for employees in the LC-39 area who cannot make the Training Auditorium presentation. Seating is limited. The KSC Space Flight Awareness Council will be hosting a "Welcome Back Party" for the STS-111 Crew from 3:30 – 6 p.m. July 31 at KARS II. Food and beverages will be provided as long as they last.



◆ **Did You Know?** Wayne Kee, with the NASA Emergency Preparedness Office, reports that the designation of Anderson Elementary School in Rockledge as an Evacuation Shelter has been **taken off** the list and replaced with Rockledge High School. Please refer to the Bell South phone book for Hurricane Shelter information and hurricane preparedness actions in Brevard County. This is hurricane season now (June 1- November 30); peak season is the later part of August to mid-September.

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

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Find Countdown on the Web at <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2002.htm>